Description

VIPER ATX COMPUTER CHASSIS

SUMMARY OF INVENTION

[0001] The VIPER computer chassis is designed to provide unlimited aesthetic enjoyment to the owner. It is aggressively styled for computer gaming enthusiasts while providing an abundant source of expandability and usage with it's full drive bay chassis. The VIPER holds many new features that will keep it in the fashionable trend of computer cases.

BRIEF DESCRIPTION OF DRAWINGS

[0002] Figure 1 displays the advanced VIPER LCD Display, MGE is the first to develop a lighted, high resolution logo or 'emblem' that can be displayed within the LCD panel as well as blink on and off.

[0003] Figure 2 demonstrates VIPER's Centralized Control Center allows a systematically placed I/O port hub along with Power and Reset buttons.

[0004] Figure 3 illustrates the first time ever Magnetically Closed

Drive Bay Door which allows the door to be softly held tight whenever in transport.

[0005] Figure 4 shows the Dual Re-Inforced Handles that allow the end user to carry the VIPER when ever in transport.

[0006] Figure 5 illustrates the entire VIPER computer chassis in its entirety.

DETAILED DESCRIPTION

[0007] Since its creation, VIPER has set the standard in what a computer case should be. This case demonstrates many great hard to find features such as: high gloss paint, LCD temperature display and total usage time built right into the case. MGE has took the time to create the technology used display a high resolution VIPER image embedded and programmed into the LCD display. The display itself does not only show a high resolution image of the emblem but also illustrates the "total usage time" which allows the end user to view the total time the computer system has been on for an "x" amount of hours. The LCD display also reads temperature 'hot spots' that can be mounted on several areas of the computer such as; processing unit – the central core of the computer, hard-drive unit – which stores the data the end user records into, or the over all system – which is the motherboard or main circuit board where

everything is plugged into.

[0008] Other great features of the VIPER, is the first LED lighted VIPER emblem on the door. This particular piece made up of a single clear red acrylic plastic material that allows the luminescence to travel directly through the plastic VIPER emblem. Thus allowing a lighted VIPER logo mounted into the door. The piece is lighted by the use of LED light(s) that are mounted behind and side of the actual part within the door. VIPER is first to introduce a massive front panel air vent that spreads 165mm in width, 120mm in height – allowing for a full front 'increased' airflow that dramatically reduces the heat from mounted hard-drive bays, thus increasing the speed of the data search and data transfer rates. "Out of the Box" design was created to meet a demand in a more three dimensional look and feel throughout the front panel that spreads into the side panels. The VIPER's external chassis has been painted with a high gloss coat giving it an unparallel look and feel of unsurpassed quality. The internal chassis of the VIPER has also been painted to equal out the overall design of the VIPER. Next is the Centralized Control Center with is the housing of several great features: power button, reset button, dual USB 2.0 ports, a single firewire port, speaker

and mic connections. This allows the end user ease of use when plugging in their external electronic devices such as mouse, keyboard, headphones, and/or mic to name a few.

[0009] VIPER also introduces a unique method of full drive bay cooling by having a 70mm circular cut on top of the panel, plus giving it top vents built into the same housing of the Centralized Control Center. Heat travels upward and the VIPER's airport" transfers this heat from the 5.25" drive bay on through the top panel vents thus enabling a stable, more reliable, and increased system performance. VIPER is also first to introduce a UV (ultra violet) blue acrylic window that transfers ultra violet light throughout the entire acrylic window from a single or multiple 'UV' source. VIPER introduces dual top re-inforced steel han- dles that allow an even weight distribution when carrying the computer chassis, with the use of 8 screws for total re-inforcement and it also introduces the use of an "em- bedded" logo that has been cut into the handle giving it a total appeal to the overall computer chassis. VIPER is only case in its mid ATX class to come equipped with a 500WATT rated power supply that has nylon netted sleeves around the exposed internal wires and offer Serial ATA (SATA) power connectors for SATA computer compo-

nents. The last unique feature of the VIPER is the rear "static guard" that helps prevent rear end damage when mobile and conveniently addresses the need for cable management when plugging in the external power cable and various other cables belonging to the computer.